

20090716.ba v04\_n277.bam.20090716

>From ???@??? Thu Jul 16 11:45:11 2009 -0500  
Date: Thu, 16 Jul 2009 10:44:15 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 4277  
Message-Id: <20090716164417.4254A10B036@srvr1.theporch.com>

BOATANCHORS Digest 4277

Topics covered in this issue include:

- 1) Re: PW Dial Update additional  
by Rodger <wq9e@dtinspeed.net>
- 2) Request for RAT, RAT-1 Data Updates  
by "David Stinson" <arc5@ix.netcom.com>
- 3) Tesla's Birthday  
by Richard Dillman <ddillman@igc.org>
- 4) Re: PW Dial Update  
by WA1KBQ@aol.com
- 5) WTB - National coils, SW-3  
by "Wally Gibbons" <rockwall@sourceoneinternet.com>
- 6) Info please: Solid State Replacement for 816?  
by "Les Zwiebel WB6ORZ" <wb6orz@pacbell.net>
- 7) Extra Boatanchors  
by "Joe Watson" <wwatson5@sbcglobal.net>
- 8) RE: Info please: Solid State Replacement for 816?  
by "Bill Hawkins" <bill@iaxs.net>
- 9) CW Oscillator  
by "WA3GIN" <wa3gin@comcast.net>
- 10) MF Reception Night of Nights  
by "B. Smith" <smithab11@comcast.net>
- 11) RE: Info please: Solid State Replacement for 816?  
by Richard Loken <richardlo@admin.athabascau.ca>
- 12) Re: Info please: Solid State Replacement for 816?  
by "David Thompson" <thompson@mindspring.com>
- 13) Re: Info please: Solid State Replacement for 816?  
by "Al Parker" <anchor@ec.rr.com>
- 14) RE: Info please: Solid State Replacement for 816?  
by wb3fau@att.net
- 15) Re: Info please: Solid State Replacement for 816?  
by Richard Loken <richardlo@admin.athabascau.ca>
- 16) Re: Info please: Solid State Replacement for 816?  
by wb3fau@att.net
- 17) Re: Info please: Solid State Replacement for 816?  
by WA5JCI <wa5jci@flash.net>
- 18) U-Boat Radio Room

by "David Stinson" <arc5@ix.netcom.com>  
19) Drake Stn. FS  
by stuck in 50s <polepeeg@aa4rm.ba-watch.org>  
20) Manuals Available  
by "Wilson Lamb" <infomet@embarqmail.com>  
21) Denice at W6CF  
by Richard Dillman <ddillman@igc.org>

-----  
Message-ID: <4A564808.4010007@dtnspeed.net>  
Date: Thu, 09 Jul 2009 14:42:00 -0500  
From: Rodger <wq9e@dtnspeed.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: PW Dial Update additional  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

ARRGH!

So much for my proofing skills! Of course the PW is the unit with the additional drag while the NPW is the less mechanically complex and easier turning unit. So I meant to say mechanically marvelous PW unit instead of NPW.

"The only drawback I have found to the mechanically marvelous NPW is there is a bit of drag given the gearing setup. I have several HRO's, which do tune smoothly, but they don't compare to my NC-100, NC-101X, and NC-240D for ease of knob twirling."

And earlier I obviously hit w instead of 2 when referring to the model number. I have never come across one of the unbalanced setups with 2 gangs on 1 side and 2 on the other but they obviously had them available.

Rodger WQ9E

Rich Post wrote:

> I've been told it was "precision worm". "Parallel worm" was also  
> mentioned. Lacking original sources, the academic in me hesitated to  
> respond earlier. The "parallel worm" version is lent credence because  
> the straight tuning dial - capacitor combo is named the NPW which  
> could be interpreted as "not parallel worm".  
>  
> The dial is sheer genius, copied by Axis nations.  
>

> Rich KB8TAD  
>  
> At 10:52 AM 7/9/2009, Jim Garland wrote:  
>> I received several emails in response to my inquiry about the  
>> National PW  
>> dial, not all of which were in agreement with each other. The most  
>> plausible, from Ralph VE7XF, is that PW stands for "Parallel Worm," in  
>> reference to the right angle worm drive that coupled the dial to the HRO  
>> main tuning capacitor. Another suggestion, from Russ WB3FAU, is  
>> "Position  
>> Worm." In both cases, the reference appears to refer to the worm drive  
>> which, curiously, is not actually part of the dia  
>  
>  
>  
>

-----  
Message-ID: <506677F23F894FBC9E87E6AF4A1FFEAB@boudreaux>  
From: "David Stinson" <arc5@ix.netcom.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Request for RAT, RAT-1 Data Updates  
Date: Fri, 10 Jul 2009 06:30:49 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
    format=flowed;  
    charset="iso-8859-1";  
    reply-type=original  
Content-Transfer-Encoding: 7bit

Please pass this along to any other radio list  
you think appropriate.

The Aircraft Radio Corporation RAT (12 volt) and RAT-1 (24 volt)  
set of receivers were the first production sets built in the  
familiar "type-K" style that has become commonly known  
as "ARC-5." Only 50 complete sets of RAT and 50 of RAT-1  
were produced. The sets, covering 13-27 MC, consist of  
two models of receiver, a dual-receiver rack and shock mount,  
a dual-receiver control box with mount and dials, local control  
and remote control plug-in boxes, dynamotors and a local-tuning  
crank which is black anodized, rather than the later,  
bare aluminum crank.

All these pieces, other than dials and cranks, have  
individual serial numbers. Each model of receiver,  
control box, shock mount and rack are numbered  
from 1 to 50. Since there were two each of the

remote/local plug-in boxes and dynamotors per set,  
they were serial numbered 1 to 100.  
Therefore, RAT set number 4, as issued from the  
A.R.C. factory, would consist of:

13-20 MC rcvr, 20-27 MC rcvr, rack,  
mount and control box, all serial # 4.  
Local/Remote plug-in boxes and dynamotors  
serial numbers 7 and 8.

The individual parts of these sets are authentically rare,  
and I'm attempting to document all the know "survivors."  
Please help update the database of known RAT and RAT-1 items  
by sending me, \*off list\* unless you prefer to post publicly,  
the type and serial number of items you have.

Your privacy will be protected- I will not publish any  
ownership data and I will delete the "who owns this item"  
from the database if you request it.  
Please say in your mail if you want your ownership data  
to be public, database-only (so I can contact you or  
connect you with other owners) or deleted entirely.

Also- if you have items for trade or sale, I will, if requested,  
publish a list of the available items and pass  
the contact data in private mail.  
Thank you very much.

To start off, here's my list:

Set RAT  
46083 Rcvr #3  
46084 Rcvr #5, with cover for #25 (rough).  
Rack 46096 #31  
Local plug-in boxes #3 and #10  
One tuning crank.

Set RAT-1  
46108 Rcvr #20  
46109 Rcvr #50  
Local plug-in boxes #2, #73, #75\*  
Dynamotor #81

\*Available for trade for other RAT / RAT-1 items.

Thanks again.  
73 Dave AB5S

P.S. If anyone has Wally's data (SK), please pass it on.

-----  
Message-ID: <21221330.1247242216061.JavaMail.root@elwamui-  
polski.atl.sa.earthlink.net>  
Date: Fri, 10 Jul 2009 09:10:15 -0700 (GMT-07:00)  
From: Richard Dillman <ddillman@igc.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Tesla's Birthday  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

Fans of the great inventor may wish to check out today's Google artwork.

RD

=====  
Richard Dillman, W6AWO  
Chief Operator, Coast Station KSM  
Maritime Radio Historical Society  
<http://www.radiomarine.org>  
=====

-----  
From: WA1KBQ@aol.com  
Message-ID: <c94.49c05fe3.3789f84e@aol.com>  
Date: Sat, 11 Jul 2009 10:14:38 EDT  
Subject: Re: PW Dial Update  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----1247321678"

-----1247321678  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Millen adopted the PW dial (actually invented by the Sperry Corp. in England) on early HRO receivers because he refused to incorporate the popular new "calibrated dial" on premium National receivers like much of his competition did at the time because it was not possible to achieve dial calibration accurate enough to meet his standards with technology available at the time. Mounting market pressures eventually caused him to relent with a fully calibrated dial on model NC-100A.

-Greg

In a message dated 7/9/2009 11:14:53 A.M. Atlantic Standard Time,  
w9ac@arrl.net writes:

> In any case, I'd like to vote for the two-speed PW dial of the HRO-500  
> receiver as the best tuning dial of any radio ever made. It is silky  
> smooth,  
> esthetically elegant, and a marvel of creative engineering.

Jim,

I just finished rebuilding a PW gearbox on a ca. 1935 HRO. While I have not  
seen the two-speed PW dial, the original PW gearbox design was a true  
"flash  
of genius." One needs to disassemble the gearbox to truly appreciate the  
logical complexity but mechanical simplicity of the design. I completely  
cleaned out the housing and applied Lithium grease to the gears. With a  
synthetic form of grease in its sealed housing, I suspect the gearbox  
could  
easily see another 70+ years of service. The only "wish list" item I  
would  
have for James Millen back in the mid '30s would have been to utilize a  
PTO  
instead of a meshed variable tuning cap. Still, tuning linearity is quite  
good.

As I recall, Collins was the first major manufacturer to capitalize on the  
use of the PTO. If a PTO was used in a pre-WWII design, I am not aware of  
it. Anyone have some examples?

Anyway, after the re-build and adding a NOS dial, the old HRO tunes as  
smooth as my Icom '7800. No exaggeration. The dial is properly weighted  
with just the right amount of spin and there's zero backlash and slop when  
tuning.

Paul, W9AC

\*\*\*\*\*Looking for love this summer? Find it now on AOL Personals.  
(<http://personals.aol.com/?ncid=emlcntuslove000000003>)

-----1247321678  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

-----1247321678--

-----  
Message-ID: <43AA01A528DC430C81F7C04F5440CFDB@WallyGPC>  
From: "Wally Gibbons" <rockwall@sourceoneinternet.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: <boatanchors@mailman.qth.net>,  
 <boatanchors@theporch.com>  
Subject: WTB - National coils,SW-3  
Date: Sat, 11 Jul 2009 09:56:59 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
 format=flowed;  
 charset="iso-8859-1";  
 reply-type=original  
Content-Transfer-Encoding: 7bit

Greetings,  
Just picked up one of these receivers. I'm looking for a set of broadcast  
band coils. I'm interested in any of the following sets, 36, 37, and 38. I  
have much to offer as trade (radios, tubes, etc), or will consider  
purchasing outright. Coil forms which will fit the receiver are also  
something I'd be interested in.

Thanks,

Wally Gibbons, WB7ASQ  
North Logan, Utah

-----  
Message-ID: <723BF93A2EDD4577B17F34C7098FEB41@Shack>  
From: "Les Zwiebel WB6ORZ" <wb6orz@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Info please: Solid State Replacement for 816?  
Date: Sun, 12 Jul 2009 18:11:00 -0700

MIME-Version: 1.0  
Content-Type: text/plain;  
format=flowed;  
charset="Windows-1252";  
reply-type=original  
Content-Transfer-Encoding: 7bit

Am concerned that the 816 mercury vapor rectifiers in my  
Globe King project can be problematic in terms of flashover  
failures.

Are there solid state diode stack replacements available,  
and has anyone had experience making the changeover?

Thanks in advance!

(((((73))))))

Les

-----WB60RZ-----

-----  
Message-ID: <917C35D8EC1F4A26A4905B2D91FC9215@NEWHP>  
From: "Joe Watson" <wwatson5@sbcglobal.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Extra Boatanchors  
Date: Sun, 12 Jul 2009 20:42:09 -0500  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----\_NextPart\_000\_0005\_01CA0331.3A06DE90"

This is a multi-part message in MIME format.

-----\_NextPart\_000\_0005\_01CA0331.3A06DE90  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

I have the following extra boatanchors in unrestored but nice, =  
restorable condition:

NC-183D  
SX-28  
51J2  
RME-45, with speaker  
SX-25  
SP-600  
SX-71  
R-42 speaker



I would offer a good price as a lot to anyone who could pick them up in =  
Edmond, OK within the next two weeks.

Joe Watson

-----=\_NextPart\_000\_0005\_01CA0331.3A06DE90  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=\_NextPart\_000\_0005\_01CA0331.3A06DE90--

-----  
From: "Bill Hawkins" <bill@iaxs.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Info please: Solid State Replacement for 816?  
Date: Sun, 12 Jul 2009 21:46:08 -0500  
Message-ID: <8475C06D99D548B2997DF7C3F96EB75D@cyrus>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="us-ascii"  
Content-Transfer-Encoding: 7bit

IIRC, flashover is caused by hitting cold rectifiers with HV.  
Vaporize the mercury in the base first and you should have no worries.

That's why they have 30 second time delays from filament on to HV on  
in good MV rectifier power supplies. Allow 2-3 minutes if the tube was  
turned away from its normal position or shipped.

Bill Hawkins

-----Original Message-----

From: owner-boatanchors@theporch.com [mailto:owner-boatanchors@theporch.com]  
On Behalf Of Les Zwiebel WB6ORZ

Sent: Sunday, July 12, 2009 8:11 PM  
To: Old Tube Radios  
Subject: Info please: Solid State Replacement for 816?

Am concerned that the 816 mercury vapor rectifiers in my  
Globe King project can be problematic in terms of flashover  
failures.

Are there solid state diode stack replacements available,  
and has anyone had experience making the changeover?

Thanks in advance!

(((((73))))))

Les

---===WB6ORZ===---

-----  
Message-ID: <E59859FCD49D413FB93308471C3E6716@DTS2003WIRELESSNETWORKDEMO>  
From: "WA3GIN" <wa3gin@comcast.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: CW Oscillator  
Date: Mon, 13 Jul 2009 00:30:32 -0400  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----=\_NextPart\_000\_0029\_01CA0351.21883790"

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_0029\_01CA0351.21883790  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

I've found an old Russel and Swartz CW code practice oscillator and I'm =  
restoring it. The base is made from what appears to be pewter. Does =  
anyone know how to clean this stuff.=20

73,  
dave  
wa3gin

-----=\_NextPart\_000\_0029\_01CA0351.21883790  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
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\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
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\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

-----=\_NextPart\_000\_0029\_01CA0351.21883790--

-----  
Message-ID: <67BEC2F051F043DFAEE4C9443B552A67@BCXHTR8HVC4P>  
From: "B. Smith" <smithab11@comcast.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: MF Reception Night of Nights  
Date: Sat, 13 Sep 2008 08:01:50 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

No joy on MF for any of the stations. Using either the 7 foot rotatable loop or the 220 foot horizontal loop(stationary) both resonated to the correct frequencies.

breck K4che

-----  
Date: Mon, 13 Jul 2009 16:30:35 -0700  
From: Richard Loken <richardlo@admin.athabascau.ca>  
Subject: RE: Info please: Solid State Replacement for 816?  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <Pine.PMDF.4.44L.0907131624470.576-1000000@local.admin.athabascau.ca>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII

On Sun, 12 Jul 2009, Bill Hawkins wrote:

> IIRC, flashover is caused by hitting cold rectifiers with HV.  
> Vaporize the mercury in the base first and you should have no worries.

My decrepit memory does not agree with your memory. It was my experience as a television broadcast engineer that mercury vapour rectifiers had an end of life after which the little &^%\$@ would arc over on startup entirely too often no matter how long you warmed them up.

Now those big old three phase broadcast transformers could handle that kind of abuse but I am led to believe that an arcover can destroy a Johnson or Globe plate transformer. That could really ruin the day.

--

Richard Loken VE6BSV, Unix System Administrator : "Anybody can be a father  
Athabasca University : but you have to earn  
Athabasca, Alberta Canada : the title of 'daddy'"  
\*\* richardlo@admin.athabascau.ca \*\* : - Lynn Johnston

-----  
Message-ID: <005701ca040e\$b5ddd1a60\$e15a9a04@yourxb2x7j77gn>  
From: "David Thompson" <thompson@mindspring.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Info please: Solid State Replacement for 816?  
Date: Mon, 13 Jul 2009 19:07:35 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
format=flowed;  
charset="iso-8859-1";  
reply-type=original  
Content-Transfer-Encoding: 7bit

I have used 866/3B28 solid state replacements in my 1963 Henry 2K amp for many years. The 3B28's main problem is not arc over but the base comes unglued (I have at least 6 with no base). Plus I found that they lasted 4 years max. Never did use the smaller 816 but lost of experience with 866's and 872's.

The solid state replacements last forever (over 15 years now), give me an extra 100 volts (3000 instead of 2900), and no arc over or hash/hash filters required. Plus they are instant on with matches the 3-400/3-500 type tube.

I bought 2 more pairs. One pair from United Page in New Jersey and one pair for \$5 at a hamfest. I assume the 816 replacement can be bought from RF Parts or several other firms such as ESRC in Florida. I have not kept up as my originals will probably outlast me.

73 Dave K4JRB

-----  
Message-ID: <76FC53D6636F4AD4B272F067FFFF1351@HOME>  
From: "Al Parker" <anchor@ec.rr.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Info please: Solid State Replacement for 816?  
Date: Mon, 13 Jul 2009 19:31:00 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
format=flowed;  
charset="Windows-1252";  
reply-type=response

Content-Transfer-Encoding: 7bit

Hi Les,

How's it goin out there? Gettin hot here ;-)

Try replacing them with SS "blocks" from K2AW's Silicon Alley. You'll have to do a little remounting, etc, but his stuff is very good, and reasonably priced. Nice guy to chat with on the fone. I've bought a few from him over the (many) yrs, have no "fiscal connections" to him. He advertises in QST.

73,

Al, W8UT

New Bern, NC

[www.boatanchors.org](http://www.boatanchors.org)

[www.hammarlund.info](http://www.hammarlund.info)

"there is nothing -absolutely nothing- half as much worth doing as simply messing about in boats."

Ratty, to Mole

----- Original Message -----

From: "Les Zwiebel WB6ORZ" <[wb6orz@pacbell.net](mailto:wb6orz@pacbell.net)>

To: "Old Tube Radios" <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>

Sent: Sunday, July 12, 2009 9:11 PM

Subject: Info please: Solid State Replacement for 816?

> Am concerned that the 816 mercury vapor rectifiers in my Globe King  
> project can be problematic in terms of flashover failures.

> Are there solid state diode stack replacements available, and has  
> anyone had experience making the changeover?

> Thanks in advance!

> ((((((73))))))

> Les

> =====WB6ORZ=====

>

>

>

>

>

-----  
From: [wb3fau@att.net](mailto:wb3fau@att.net)

To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>

Cc: "Bill Hawkins" <[bill@iaxs.net](mailto:bill@iaxs.net)>

Subject: RE: Info please: Solid State Replacement for 816?

Date: Tue, 14 Jul 2009 01:32:23 +0000

Message-Id:

<071420090132.16899.4A5BE026000DEA2D0000420322243323629B0A02D29B9B0EBF9A0E00CC0D99@att.net>

Dear Les, quite often,[if not always] these mercury vapor rectifiers, once they have flashed over,are done for. I have baked those things for a whole day, and they still flash. They do look nice when in operation. not worth the trouble. My application was in a Globe King 500 modulator chassis. I built solid state plug in replacements. I mounted perf board on the tube bases. I used 4 diodes- 1000piv @ 1 amp paralelled with 100k resistors and .01uf caps. in each leg. Perhaps new replacements would work OK, but I see they want \$25.00 each for them. Russ.

-----  
Date: Tue, 14 Jul 2009 04:54:45 -0700  
From: Richard Loken <richardlo@admin.athabascau.ca>  
Subject: Re: Info please: Solid State Replacement for 816?  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: boatanchors <boatanchors@sco.theporch.com>  
Message-id: <Pine.PMDF.4.44L.0907140447080.576-1000000@local.admin.athabascau.ca>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII

On Mon, 13 Jul 2009, Paul Kraemer wrote:

> The transformers could but often the chokes and oil caps couldn't  
> Per my pal Dave the bc engineer.

I am just as happy to learn that now as back then. Back around 1975 I worked at CJOC television with three other techs and I had to start up the big old Standard 10KW transmitter with its six 8008 mercury vapour rectifiers when I had the morning shift. I (and later confession revealed that all of us did this) used to hide around the corner and reach over to hit the plate switch because the bang and the flash scared the hell out of me. It would arc over half the time when I started it and some times two or three times before the rectifiers decided to act like rectifiers.

I don't know why the boss was too cheap to buy new rectifiers but after many months of the flash-bang ritual he bought solid state replacements and the mornings became less interesting.

--

Richard Loken VE6BSV, Unix System Administrator	:	"Anybody can be a father
Athabasca University	:	but you have to earn
Athabasca, Alberta Canada	:	the title of 'daddy'"
** richardlo@admin.athabascau.ca **	:	- Lynn Johnston

-----  
From: wb3fau@att.net  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Richard Loken <richardlo@admin.athabasca.ca>, boatanchors  
<boatanchors@sco.theporch.com>  
Subject: Re: Info please: Solid State Replacement for 816?  
Date: Tue, 14 Jul 2009 23:35:05 +0000  
Message-Id:  
<071420092335.22176.4A5D16290001B9AF000056A022218683269B0A02D29B9B0EBF9A0E00CC0D99  
@att.net>

LOL! Rich, I would loved to have been a junior tech or a "mouse in the corner" watching all this! I studied some old RCA transmitting tube manuals, it describes how to deal with these hair raising problems. If i recall correctly, installing a choke somewhere in the power supply would relieve some of that "inrush". I hate mercury vapor rectifiers, A friend once told me they make better target practice than rectifiers. I guess some tubes are better left in history books. And what stories we can relate- LOL! Russ.

-----  
Message-Id: <200907142348.n6ENmeAb008518@n1pi103.prodigy.net>  
Date: Tue, 14 Jul 2009 18:47:53 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: WA5JCI <wa5jci@flash.net>  
Subject: Re: Info please: Solid State Replacement for 816?  
Cc: Richard Loken <richardlo@admin.athabasca.ca>,  
boatanchors <boatanchors@sco.theporch.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:35 PM 7/14/2009, wb3fau@att.net wrote:

>LOL! Rich, I would loved to have been a junior tech or a "mouse  
>in the corner" watching  
>all this! I studied some old RCA transmitting tube manuals, it  
>describes how to deal with these hair raising problems. If  
>i recall correctly, installing a choke somewhere in the  
>power supply would relieve some of that "inrush". I  
>hate mercury vapor rectifiers, A  
>friend once told me they make better target practice than  
>rectifiers. I guess some tubes are better left in history  
>books. And what stories we can relate- LOL! Russ

>.

Years ago at the Dallas sidewalk sale I bought a box of diodes which were 4" long, an inch wide and 3/8" thick. I did find that they were 25kV diodes but couldn't find the rated current. I ran an amp through one for a day and no ill effects. I've used them for homebrew supplies and for rebuilding the HV of several 30L1s, it only takes two, and others including replacing various mercury rectifiers. One of the best bargains I've run across and since they are some sort of ceramic, I can use a dead one, if I ever have one, to sharpen knives.

de Pete WA5JCI

-----  
Message-ID: <E55A597560D74472B994654F12B9C3B3@boudreaux>

From: "David Stinson" <arc5@ix.netcom.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: U-Boat Radio Room

Date: Wed, 15 Jul 2009 05:38:40 -0500

MIME-Version: 1.0

Content-Type: text/plain;

format=flowed;

charset="iso-8859-1";

reply-type=original

Content-Transfer-Encoding: 7bit

Cool

<http://www.youtube.com/watch?v=H6rTkGvNGg&feature=related>

-----  
Date: Wed, 15 Jul 2009 21:05:44 -0400 (EDT)

From: stuck in 50s <polepeeg@aaa4rm.ba-watch.org>

Message-Id: <200907160105.n6G15icd002953@fracas.netboobie.org>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Drake Stn. FS

A pal no longer uses his

T4XC

R4C

TR4CW

L4B



All have power supplies, interconnects. L4B has no #500Zs

Interested parties please contact me

Tnx Marty aka AA4RM

-----  
Message-ID: <4C9985197C154753AE7BDAD7967BAF47@wilsonspc>  
From: "Wilson Lamb" <infomet@embarqmail.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: <boatANCHORS@theporch.com>  
Subject: Manuals Available  
Date: Thu, 16 Jul 2009 10:03:11 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
format=flowed;  
charset="iso-8859-1";  
reply-type=original  
Content-Transfer-Encoding: 7bit

MASCO MA-77 and MA-77R Amplifiers  
Classic PA amp with a pair of 807s transformer driven by a 6SN7.

AZDEN PCS-2000 2m transceiver  
Late 60s-early 70s 2m rig with FIVE memories and 5/25W output...no tubes,  
but plenty enough to be a boatanchor.

EICO 324 signal generator

ICOM IC-02A/AT/E

Small donations to your charity required.

Wilson,  
W4BOH

-----  
Message-ID: <22361809.1247762637753.JavaMail.root@elwamui-  
polski.atl.sa.earthlink.net>  
Date: Thu, 16 Jul 2009 12:43:57 -0400 (EDT)  
From: Richard Dillman <ddillman@igc.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Denice at W6CF  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

Our very own Denice Stoops, MRHS QSL Mistress and first female telegrapher hired at KPH, will ply the key at W6CF on Saturday 18 July.

W6CF is the station of the California Historical Radio Society (CHRS), a most worthy organization dedicated to the preservation and restoration of early radio broadcasting. They have restored the famous building at broadcast station KRE in Berkeley, CA. Readers may remember that the famous Wolfman Jack scene in "American Graffiti" was shot at KRE.

The activation of W6CF will be in conjunction with the CHRS "KRE Live 2009" event to be held at the station. Visitors can view the CHRS radio collection, see KRE, participate in a swap meet \*and\* see the famous Denice in action.

See the CHRS Web site for more details and directions at:

<http://www.californiahistoricalradio.com/>

We don't have a firm schedule for W6CF operations. But Denice will be attending our Saturday tradition, Services of the Church of the Continuous Wave, at the Bolinas transmitter site before heading over to Berkeley. So a W6CF start time of about 12 noon Pacific time is probably a good guess. As to frequency, we hope to work her from K6KPH on 7050kc or 14050kc so those would be good spots to look.

Enjoy,

RD

=====  
Richard Dillman, W6AWO  
Chief Operator, Coast Station KSM  
Maritime Radio Historical Society  
<http://www.radiomarine.org>  
=====

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End of BOATANCHORS Digest 4277  
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